

FIGURE 1 (Prior Art)

Peer IP ab.c.d	Security Configuration (Client)	Security Configuration (Gateway)
Phase1 Authentication [key, certificate, etc.] [Other associated authentication data: e.g., key (shared secret), certificate details (CA, key length, etc.)] Encryption 3des Authentication hmac-sha1 Diffie-hellman 2 Life 3600 seconds Phase2 - SA1 Protected network 10.1.1.1 / 32 Protocol all Port 23 ESP-algorithm 3DES ESP-authentication NONE Life 86400 seconds Phase2 - SA2 Protected network 10.1.1.2 / 32 Protocol all Port 80 ESP-algorithm DES ESP-authentication NONE Life 86400 seconds	Phase1 Authentication hmac-sha1 Diffie-hellman 2 Life 3600 seconds Phase2 - SA1 Protected network 10.1.1.1 / 32 Protocol all Port 23 ESP-algorithm 3DES ESP-authentication NONE Life 86400 seconds Phase2 - SA2 Protected network 10.1.1.2 / 32 Protocol all Port 80 ESP-algorithm DES ESP-authentication NONE Life 86400 seconds	Phase1 Encryption 3des Authentication hmac-sha1 Diffie-hellman 2 Life 3600 seconds

FIGURE 2 (Prior Art)

FIGURE 3

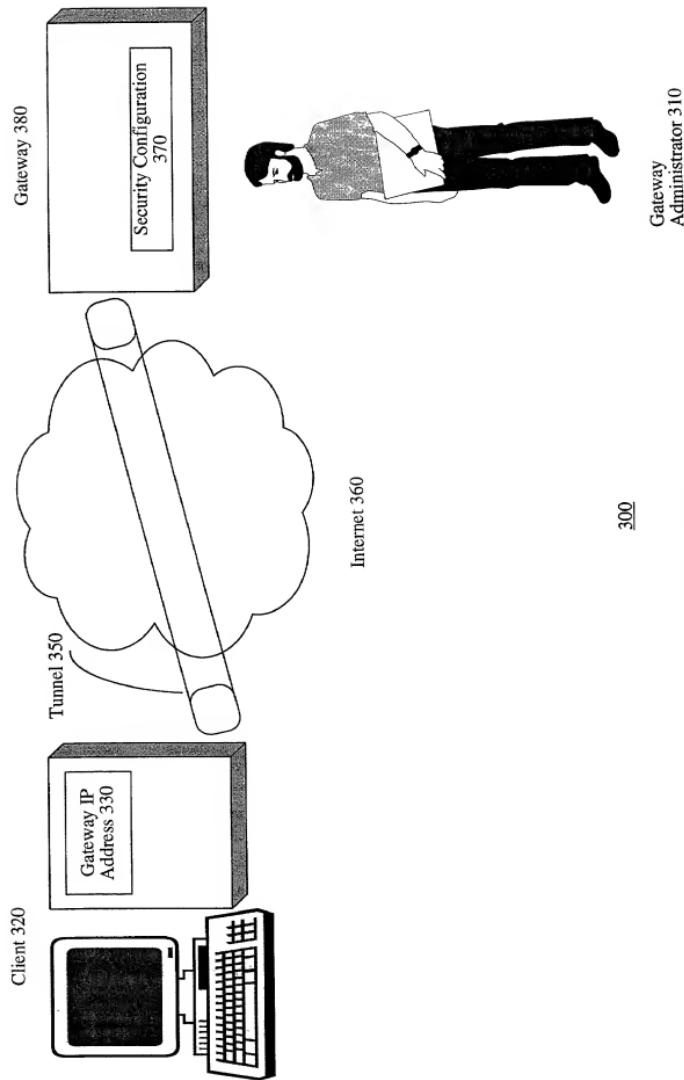
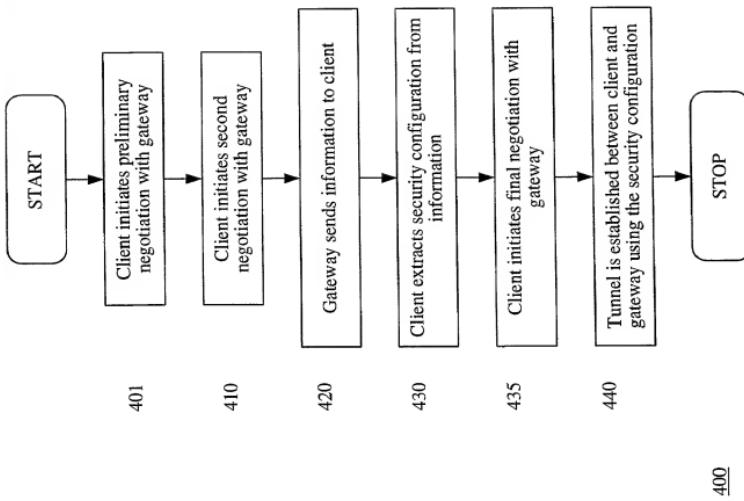


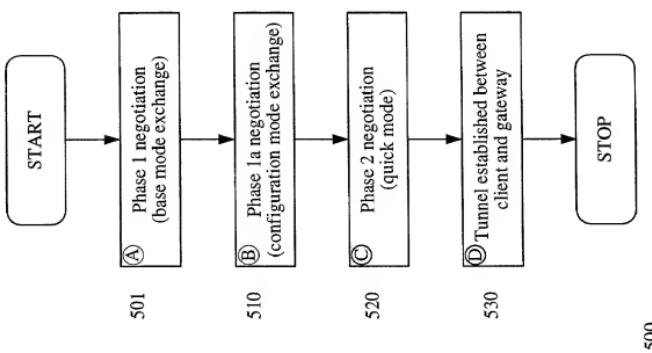
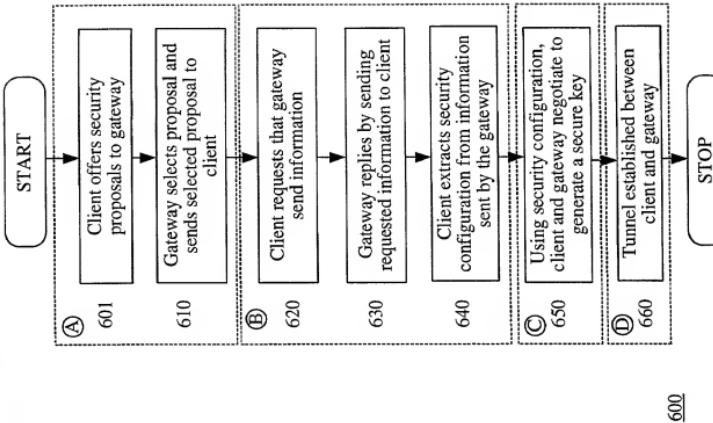
FIGURE 3

PROCESSO DE EXECUÇÃO



400

FIGURE 4

**FIGURE 5****FIGURE 6**

```

ATTR1(REQUEST) =
    CFG_DYNAMIC_CONFIG(0)
ATTR1(REPLY) =
    INTERNAL_IP4_SUBNET(10.1.1.1,255.255.255.255)
    CFG_PROTOCOL(0)
    CFG_SRC_PORT(0)
    CFG_DEST_PORT(21)
    CFG_ESP_ENC_ALGO(3DES)
    CFG_ESP_AUTH_ALGO(NONE)
    CFG_AH_AUTH_ALGO(NONE)
    CFG_COMP_ALGO(0)
    CFG_TRANSPORT_ESP_MODE(0)
    CFG_TRANSPORT_AH_MODE(0)
    CFG_DH_GROUP(0)
    CFG_PFS(0)
    CFG_LIFE_SEC(86400)
    CFG_LIFE_RBS(0)
    ...
    ...
    [OTHER SA INFORMATION IF DEFINED]
    ...
    ...
    INTERNAL_IP4_SUBNET(10.1.1.2,255.255.255.2)
    CFG_PROTOCOL(0)
    CFG_SRC_PORT(0)
    CFG_DEST_PORT(80)
    CFG_BSP_ENC_ALGO(DES)
    CFG_ESP_AUTH_ALGO(NONE)
    CFG_AH_AUTH_ALGO(NONE)
    CFG_COMP_ALGO(0)
    CFG_TRANSPORT_ESP_MODE(0)
    CFG_TRANSPORT_AH_MODE(0)
    CFG_DH_GROUP(0)
    CFG_PFS(0)
    CFG_LIFE_SEC(86400)
    CFG_LIFE_KBS(0)

```

FIGURE 7